

Title (en)
TWO-ARM BLOOD PRESSURE MEASUREMENT APPARATUS FOR AUTOMATICALLY MEASURING TWO-ARM BLOOD PRESSURES AT THE SAME TIME

Title (de)
BLUTDRUCKMESSVORRICHTUNG FÜR BEIDE ARME ZUR AUTOMATISCHEN BLUTDRUCKMESSUNG DURCH GLEICHZEITIGES DRÜCKEN AN BEIDEN ARMEN

Title (fr)
APPAREIL DE MESURE DE LA PRESSION ARTÉRIELLE AUX DEUX BRAS DESTINÉ À MESURER AUTOMATIQUEMENT LES PRESSIONS ARTÉRIELLES AUX DEUX BRAS EN MÊME TEMPS

Publication
EP 2659833 A4 20170510 (EN)

Application
EP 11853370 A 20111229

Priority
• KR 20100138631 A 20101230
• KR 20110134175 A 20111214
• KR 2011010323 W 20111229

Abstract (en)
[origin: US2013274621A1] Disclosed is an apparatus for measuring blood pressures of both arms, in which an examinee simultaneously measures the blood pressures of both arms without getting the arms out of cuffs in the stable and safely posture. The apparatus includes a body (100) mounted on a mounting table such as a desk, a left cuff unit (110) placed at a left upper portion of the body (100), and a right cuff unit (210) placed at a right upper portion of the body (100). The left and right cuff units have the symmetric structure so that the blood pressure is measured at identical blood pressure measurement portions of the left and right arms of the examinee which are placed at internal space parts of the left and right cuff units. Front openings have an identical shape, rear openings have an identical shape, the internal space parts have an equal size, and bladders of the left and right cuff units have an equal volume such that the blood pressures are measured at the identical blood pressure measurement portions of the left and right arms of the examinee, which are placed in internal space parts of the left and right cuff units, respectively, under an identical condition. The CPU simultaneously drives the left and right cuff units to simultaneously measure the blood pressures of the left and right arms, if the left and right arms of the examinee are placed in the internal space parts of the left and right cuff units.

IPC 8 full level
A61B 5/0225 (2006.01); **A61B 5/022** (2006.01)

CPC (source: EP KR US)
A61B 5/02 (2013.01 - KR); **A61B 5/02233** (2013.01 - EP US); **A61B 5/0225** (2013.01 - EP US); **A61B 5/024** (2013.01 - KR); **A61B 5/742** (2013.01 - US)

Citation (search report)
• [A] JP H03703 U 19910108
• [A] JP H11342117 A 19991214 - NIPPON COLIN CO LTD
• See references of WO 2012091497A2

Cited by
IT202100004961A1

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US 201113977289 A 20111229; CN 201180063800 A 20111229; EP 11853370 A 20111229; JP 2013547359 A 20111229; KR 2011010323 W 20111229; KR 20110134175 A 20111214